

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: \_\_\_\_\_

Source: \_\_\_\_\_

Date Processed by STIC: \_\_\_\_\_

10/581,813

IFW0

02/13/2007

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWO

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/581,813

DATE: 02/13/2007  
TIME: 10:36:11

Input Set : F:\E3697-00044.txt  
Output Set: N:\CRF4\02132007\J581813.raw

3 <110> APPLICANT: CODA THERAPEUTICS LTD  
5 <120> TITLE OF INVENTION: ANTISENSE COMPOUNDS TARGETED TO CONNEXINS AND METHODS  
6 OF USE THEREOF  
8 <130> FILE REFERENCE: E3697-00044  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/581,813  
C--> 11 <141> CURRENT FILING DATE: 2006-06-02  
13 <150> PRIOR APPLICATION NUMBER: PCT/IB04/004431  
14 <151> PRIOR FILING DATE: 2004-12-03  
16 <150> PRIOR APPLICATION NUMBER: NZ 529936  
17 <151> PRIOR FILING DATE: 2003-12-03  
19 <160> NUMBER OF SEQ ID NOS: 65  
21 <170> SOFTWARE: PatentIn Ver. 3.3  
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26 <213> ORGANISM: artificial  
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W--> 28 <223> OTHER INFORMATION:  
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42 <211> LENGTH: 30  
43 <212> TYPE: DNA  
44 <213> ORGANISM: artificial  
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53 <213> ORGANISM: artificial  
W--> 55 <220> FEATURE:  
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Does Not Comply  
Corrected Diskette Needed

CP9-1-3)

If L2137 Response is  
Artificial, pls explain  
the source of genetic  
material. <sup>30</sup> See pg-6  
for error explanation.

30

30

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/581,813

DATE: 02/13/2007

TIME: 10:36:11

Input Set : F:\E3697-00044.txt

Output Set: N:\CRF4\02132007\J581813.raw

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70 <212> TYPE: DNA  
71 <213> ORGANISM: artificial  
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*Same Error*

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/581,813

DATE: 02/13/2007

TIME: 10:36:11

Input Set : F:\E3697-00044.txt

Output Set: N:\CRF4\02132007\J581813.raw

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 122 <210> SEQ ID NO: 12  
 123 <211> LENGTH: 3088  
 124 <212> TYPE: DNA  
 125 <213> ORGANISM: Homo sapiens  
 127 <400> SEQUENCE: 12

128 acaaaaaagc ttttacgagg tatcagcact tttctttcat tagggggaag gcgtgaggaa 60  
 129 agtaccaaaac agcagcggag ttttaaactt taaatagaca ggtctgagt cctgaacttg 120  
 130 cctttttcatt ttactttcat ctccaaggag ttcaatcact tggcgtgact tcactacttt 180  
 131 taagcaaaaag agtgggtgcc aggaacatg ggtgactgga gcgccttagg caaactcctt 240  
 132 gacaaaggttc aagcctactc aactgctgga gggaagggtg ggctgtcagt acttttcatt 300  
 133 ttccgaatcc tgcgtctggg gacagcgggt gagtcagcct ggggagatga gcagtctgcc 360  
 134 tttcgttgta acactcagca acctggttgt gaaaatgtct gctatgacaa gtctttccca 420  
 135 atctctcatg tgcgttctg ggtcctgcag atcatatttg tgtctgtacc cacactcttg 480  
 136 tacctggctc atgtgttcta tgtgatgca aaggaagaga aactgaacaa gaaagaggaa 540  
 137 gaactcaagg ttgccaaaac tgatggtgtc aatgtggaca tgcacttgaa gcagattgag 600  
 138 ataaagaagt tcaagtacgg tattgaagag catggttaagg tgaaaatgcg aggggggttg 660  
 139 ctgcgaacct acatcatcag tatcctcttc aagtctatct ttgaggtggc cttcttgctg 720  
 140 atccagtggg acatctatgg attcagcttg agtgcgtgtt acacttgcaa aagagatccc 780  
 141 tgcccacatc aggtggactg tttcctctct cgccccacgg agaaaacat cttcatcctc 840  
 142 ttcattgctg tgggtgtcctt ggtgtccctg gccttgaaata tcattgaact cttctatgtt 900  
 143 ttcttcaagg gcgttaagga tggggttaag ggaaagagcg acccttacca tgcgaccagt 960  
 144 ggtgcgctga gccctgcaa agactgtggg tctcaaaaat atgcttattt caatggctgc 1020  
 145 tcttcaccaa ccgtccctct ctgcctatg tctcctctg ggtacaagct ggtaactggc 1080  
 146 gacagaaaca attcttcttg ccgaattac aacaagcaag caagtgaagc aaactgggct 1140  
 147 aattacagtg cagaacaaaa tcgaatgggg caggcgggaa gcaccatctc taactcccat 1200  
 148 gcacagcctt ttgatttccc cgatgataac cagaattcta aaaaactagc tgctggacat 1260  
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 151 tccactcaat tgtggagaag aaaaaagggt ctgtagaaag tgcaccaggt gttaattttg 1440  
 152 atccggtgga ggtggtactc aacagcctta ttcattgaggc ttagaaaaca caaagacatt 1500  
 153 agaataccta ggttactctg ggggtgatgg ggtagatggg tggagaggga ggggataaga 1560  
 154 gaggtgcatg ttggtattta aagtagtgga ttcaaagaac ttagattata aataagagtt 1620  
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 158 aagacagagg attgtcctta agtccctgct aaaacattcc attgttaaaa tttgcacttt 1860  
 159 gaaggtaagc tttctaggcc tgacctcca ggtgtcaatg gacttgtgct actatatttt 1920  
 160 tttattcttg gtatcagttt aaaattcaga caaggccac agaataagat tttccatgca 1980  
 161 tttgcaataa cgtatattct ttttccatcc acttgacaaa tatcattacc atcacttttt 2040  
 162 catcattcct cagctactac tcacattcat ttaatggttt ctgtaaacat ttttaagaca 2100  
 163 gttgggatgt cacttaacat tttttttttt tgagctaaag tcagggaatc aagccatgct 2160

## RAW SEQUENCE LISTING

DATE: 02/13/2007

PATENT APPLICATION: US/10/581,813

TIME: 10:36:11

Input Set : F:\E3697-00044.txt

Output Set: N:\CRF4\02132007\J581813.raw

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164 taatatttaa caatcactta tatgtgtgtc gaagagtttg ttttgtttgt catgtattgg 2220
165 tacaagcaga tacagtataa actcacaaac acagatttga aaataatgca catatggtgt 2280
166 tcaaatttga acctttctca tggatttttg tgggtgtgggc caatatggtg tttacattat 2340
167 ataattcctg ctgtggcaag taaagcacac ttttttttct tcctaaaatg tttttccctg 2400
168 tgtatcctat tatggatact ggttttgtta attatgattc tttattttct ctcctttttt 2460
169 taggatatag cagtaatgct attactgaaa tgaatttctt ttttctgaaa tgtaatcatt 2520
170 gatgcttgaa tgatagaatt ttagtactgt aaacaggctt tagtcattaa tgtgagagac 2580
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173 tagcagtctt ttggagtgc cagcaacttt gatgtttgca ctaagatttt atttggaatg 2760
174 caagagaggt tgaaagagga ttcagtagta cacatacaac taattttatt gaactatatg 2820
175 ttgaagacat ctaccagttt ctccaaatgc cttttttaaa actcatcaca gaagattggt 2880
176 gaaaatgctg agtatgacac ttttcttctt gcatgcatgt cagctacata aacagttttg 2940
177 tacaatgaaa attactaatt tgtttgacat tccatgtaa actacggtca tgttcagctt 3000
178 cattgcatgt aatgtagacc tagtccatca gatcatgtgt tctggagagt gttctttatt 3060
179 caataaagtt ttaatttagt ataaacat 3088
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183 <211> LENGTH: 1308
184 <212> TYPE: DNA
185 <213> ORGANISM: Homo sapiens
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190 gcgaggagcg tgtggggcga tgagcagtca gacttcacct gcaacaccca gcagccgggc 180
191 tgcgagaacg tctgtacga cagggccttc cccatctccc acatccgctt ctgggcgctg 240
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193 cgcattggaag agaagaagaa agagaggagc gaggaggagc agctgaagag agagagcccc 360
194 agccccaagg agccaccgca ggacaatccc tcgtcgcggg acgaccgcgg caggggtgcgc 420
195 atggccgggg cgctgctgcg gacctacgtc ttcaacatca tcttcaagac gctgttcgag 480
196 gtgggcttca tcgccggcca gtactttctg tacggcttcg agctgaagcc gctctaccgc 540
197 tgcgaccgct ggccctgccc caacacgggtg gactgcttca tctccaggcc caggagaag 600
198 accatcttca tcatcttcat gctggcggtg gctgctgct cctgctgct caacatgctg 660
199 gagatctacc acctgggctg gaagaagctc aagcagggcg tgaccagccg cctcggcccc 720
200 gacgctccg aggcccgct ggggacagcc gatccccgc cctgcccc cagctcccg 780
201 ccgcccgcg ttgccatcg gttcccacc tactatgcgc acaccgctgc gccctggga 840
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203 gccctgaccg aggcgcgcgg aaagggccag tccgccaaagc tctacaacgg ccaccaccac 960
204 ctgctgatga ctgagcagaa ctgggccaac caggcgcccg agcggcagcc cccggcgctc 1020
205 aaggcttacc cggcagcgtc cagcctgca gccccagcc ccgtcggcag cagctccccg 1080
206 cactcgcgc acgaggctga ggcgggcgc gcgccctgc tgcctggatg gagcggcagc 1140
207 agtctggagg ggagcgccct ggcagggacc cccgaggagg aggagcaggc cgtgaccacc 1200
208 gcggcccaga tgcaccagcc gcccttgccc ctcgagacc caggtcgggc cagcaaggcc 1260
209 agcagggccg gcagcgggcg ggccagaccg gaggacttgg ccatctag 1308
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213 <211> LENGTH: 1601
214 <212> TYPE: DNA
215 <213> ORGANISM: Homo sapiens
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218 ctccggccat cgtccccacc tccacctggg ccgcccgcga ggcagcggac ggaggccggg 60

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## RAW SEQUENCE LISTING

DATE: 02/13/2007

PATENT APPLICATION: US/10/581,813

TIME: 10:36:11

Input Set : F:\E3697-00044.txt

Output Set: N:\CRF4\02132007\J581813.raw

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219 agccatgggt gactggggct tcctggagaa gttgctggac cagggtccgag agcactcgac 120
220 cgtgggtgggt aagatctggc tgacgggtgct cttcatcttc cgcatacctca tcctggggcct 180
221 ggccggcgag tcagtgtggg gtgacgagca gtcagatttc gagtgttaaca cggcccagcc 240
222 aggtgcacc aacgtctgct atgaccaggc cttccccatc tcccacatcc gctactgggt 300
223 gctgcagttc ctcttcgtca gcacaccac cctgggtctac ctggggccatg tcatttacct 360
224 gtctcggcga gaagagcggc tggcgcagaa ggagggggag ctgcgggcac tgccggccaa 420
225 ggacccacag gtggagcggg cgctggccgg catagagctt cagatggcca agatctcggt 480
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227 gctctgcaag agtgtgctag aggcaggctt cctctatggc cagtggcgcc tgtacggctg 600
228 gaccatggag cccgtgtttg tgtgccagcg agcaccctgc ccctacctcg tggactgctt 660
229 tgtctctcgc cccacggaga agaccatctt catcatcttc atgttggtgg ttggactcat 720
230 ctccctggtg cttaacctgc tggagttggt gcacctgctg tgcgctgcc tcagccgggg 780
231 gatgagggca cggcaaggcc aagacgcacc cccgacccag ggcacctcct cagacctta 840
232 caggaccag ggtcttcttc tacctccccg tggccagggg ccctcatccc caccatgccc 900
233 cacctacaat gggctctcat ccagtgcagc gaactgggcc aacctgacca cagaggagag 960
234 gctggcgtct tccaggcccc ctctcttctt ggacccaccc cctcagaatg gccaaaaacc 1020
235 cccaagtctg cccagcagct ctgcttctaa gaagcagtat gtatagaggc ctgtggctta 1080
236 tgtcacccaa cagagggggt ctgagaagtc tggctgcctg ggatgcccc tgccccctcc 1140
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241 aacctacccc tatggaacag tcacctgtgc gcaggttgct ctcaaaccct ctctcacag 1440
242 gaaaaggcgg attgaggctg ctgggtcagc cttgatcgca cagacagagc ttgtgccgga 1500
243 tttggccctg tcaaggggac tgggtgcctt ttttcatcac tccttcttag ttctactgtt 1560
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252 <400> SEQUENCE: 15
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255 atgggcgatt ggagcttctt gggaaatttc ctggagggaag tacacaagca ctgcacctg 180
256 tagggcaagg tctggctcac tgtcctcttc atattccgta tgctcgtgct gggcacagct 240
257 gctgagtctt cctgggggga tgagcaggct gatttccggt gtgatacgat tcagcctggc 300
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259 cagatcatct tcgtctccac gccctctctg gtgtacatgg gccacgccat gcacactgtg 420
260 cgcatacgag agaagcgcaa gctacgggag gccgagaggg ccaaagaggt ccggggctct 480
261 ggctcttacg agtaccgggt ggcagagaag gcagaactgt cctgctggga ggaagggaat 540
262 ggaaggattg cctccagggt cactctgctc aacacctatg tgtgcagcat cctgatccgc 600
263 accaccatgg aggtgggctt cattgtgggc cagtacttca tctacggaat cttcctgacc 660
264 accctgcatg tctgccgcag gagtccctgt cccacccggg tcaactgtta cgtatcccg 720
265 cccacagaga agaatgtctt cattgtcttt atgctggctg tggctgcaat gtccctcctc 780
266 cttagcctgg ctgaactcta ccacctgggc tgggaagaaga tcagacagcg atttgtcaaa 840
267 ccgcggcagc acatggctaa gtgccagctt tctggccctt ctgtgggcat agtcagagc 900
268 tgcacaccac ccccgactt taatcagtcg ctggagaatg gccctggggg aaaattcttc 960
269 aatcccttca gcaataatat ggctcccaa caaacacag acaacctggt caccgagcaa 1020
270 gtacgaggtc aggagcagac tcctggggaa ggtttcatcc aggttcgtta tggccagaag 1080

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/581,813

DATE: 02/13/2007  
TIME: 10:36:13

Input Set : F:\E3697-00044.txt  
Output Set: N:\CRF4\02132007\J581813.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11

*Error Explanation*

Use of <220> Feature (NEW RULES):

Sequence(s) \_\_ are missing the <220> Feature and associated headings.  
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"  
or "Unknown". Please explain source of genetic material in <220> to <223>  
section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)  
(Sec.1.823 of new Rules)

Seq#:1,2,3,4,5,6,7,8,9,10,11

**VERIFICATION SUMMARY**

DATE: 02/13/2007

PATENT APPLICATION: US/10/581,813

TIME: 10:36:13

Input Set : F:\E3697-00044.txt

Output Set: N:\CRF4\02132007\J581813.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:28 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:1, <213>  
ORGANISM:artificial  
L:28 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:1, <213>  
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L:28 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:28  
L:37 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:2, <213>  
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L:37 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>  
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L:46 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213>  
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L:64 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:5, <213>  
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L:64 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:5, <213>  
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